

## **FIXING THE CONNECTION BOX (Cont)**

- Use the connection box Fixing Holes [Fig.6] to mark the 4 drill holes required to secure the box to the wall (and mark the cable outlet location if required). Drill the wall and screw the connection box onto the wall using the screws and wall plugs provided.
- Once the wire(s) has been fed through the Sealing Gland, the nut on the gland should be gently tightened up against the gland body [Fig. 8] to ensure the wire(s) is secured in place and no water can get though into the connection box.

## **WIRING THE FLOODLIGHT**

- Once the power cable has been fed through the cable gland (or sealing grommet if using the knock-out at the rear of the connection box) approximately 6mm of insulation should be stripped from each of the cores of AC cable ready to attach it to the terminal block in the front of the light fitting.

**NOTE:** The Hylite Mightyrites MLF016 and MLF028 are Class 1 fittings and therefore need to be Earthed

## **CONNECTING TO POWER SUPPLY**

- Connect the BROWN or RED (Live) wire to the terminal (marked "L") holding the single BROWN wire in the floodlight unit [Fig.8].
- Connect the BLUE or BLACK (Neutral) wire to the terminal (marked "N") holding the BLUE wire in the floodlight unit.
- Connect the YELLOW/GREEN or BARE (Earth) wire to the terminal (marked "EARTH") holding the YELLOW/GREEN wire in the floodlight unit.
- After the connections have been secured, the floodlight front (Connection Box front) should be fastened to the Connection Box using the 4 Connection Box Screws provided [Fig.9]
- Once screws are secure, the screw covers (provided) should be fitted should be fitted [Fig.9]
- To adjust the MightyLite simply hold the Connection Box firmly whilst moving the head of the floodlight to the required position.

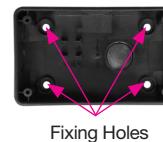


Fig.6



Fig.7

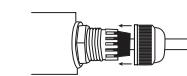


Fig.8

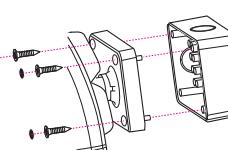
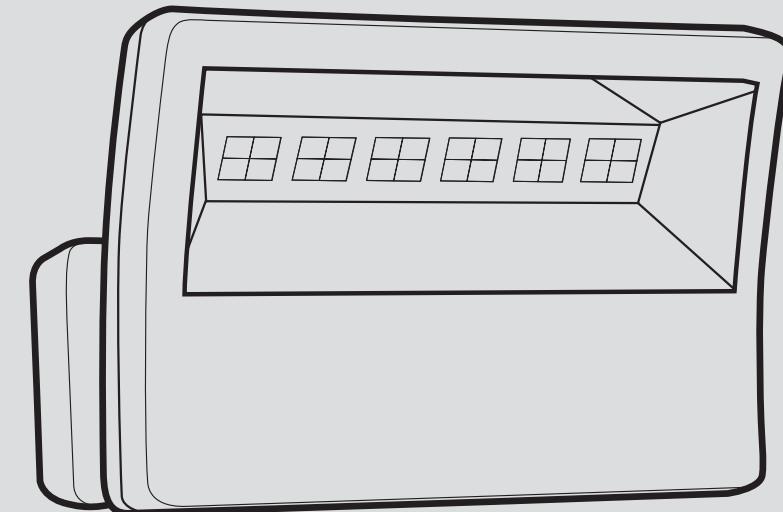


Fig.9

# **MIGHTYLITE**

Mightylite 16W / 28W LED Floodlights  
Model: MFL016 / MFL028



Installation & operating instructions



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## HYLITE MIGHTYLITE – INSTALLATION AND OPERATING INSTRUCTIONS

The Hylite MightyLite floodlight a low energy, high powered outdoor LED floodlight which is suitable for installation on solid walls in a range of locations including entrances, gardens, staircases, garages and outdoor parking areas

The unit requires connection to a 230 AC 50Hz mains electricity supply.

### IMPORTANT SAFETY INSTRUCTIONS

**WARNING: THIS PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN, AND CHECKED TO ENSURE IT IS SAFE BEFORE USING**

PLEASE FOLLOW THESE INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING TO INSTALL AND OPERATE THIS LIGHT

- ⚠ The risk of electric shock should be minimized by the installation of appropriate safety devices including the incorporation of an RCCB (Residual Current Circuit Breaker) into the main distribution board.
- ⚠ DO NOT wire this floodlight directly into the lighting circuit. Use a switched fused spur. Cables should always be protected against short circuit and overload by use of an RCD.
- ⚠ Ensure the voltage marked on the product is the same as the electrical power supply to be used.
- ⚠ DO NOT install the light where it is likely to be knocked or hit; in hot or humid conditions such as bathrooms, shower rooms or saunas; or near an exhaust outlet e.g. boiler flue, dryer outlet.

### IMPORTANT OPERATION & MAINTENANCE INSTRUCTIONS

- ⚠ DO NOT position the light near flammable or combustible materials (such as wood, cloth, paper) or near flammable, combustible or explosive liquids, solids, gases or equipment.
- ⚠ DO NOT direct the light into a person's eyes. This light has a very intensive light output, which if incorrectly used could cause eye damage.
- ⚠ ALWAYS disconnect the mains power supply before servicing or performing any maintenance.
- ⚠ ALWAYS maintain the light in good condition, with repairs only undertaken by a qualified electrician
- ⚠ ONLY carry out repairs using genuine parts. Non-authorized parts may be dangerous and will invalidate the warranty

### PARTS INCLUDED

1 x MightyLite LED Floodlight  
1 x Connection box  
1 x Cable gland  
4 x Connection box screws  
4 x Connection box screw covers  
4 x Connection box fixing screws  
4 x Connection box fixing screw covers

### TOOLS REQUIRED

Electric/hand-held drill  
No.8 masonry drill bit  
Electricians screwdriver  
Large cross-head screwdriver  
Small cross-head screwdriver  
Wire cutters

THIS PRODUCT IS SUITABLE FOR WALL MOUNTING ONLY

### WIRING REQUIREMENTS

The unit requires connection to a 230 AC 50Hz mains electricity supply.

It is recommended that the unit is connected to the domestic lighting circuit via a 5 amp fused spur and using 2-core round flexible cable of at least 1mm<sup>2</sup> gauge (waterproof cable should be used for outdoor installations).

It is also advisable to install a single pole wall switch to allow easy control of the floodlight (Fig. 1).

